



PATENT APPLICATION  
Attorney Docket No.: Q56361

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11/8/01  
RZ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshikazu KANEKO et al.

Appln. No.: 09/424,300

Confirmation No.: Not assigned

Group Art Unit: 1775

Filed: November 22, 1999

Examiner: A. Piziali

For: STEEL WIRE AND METHOD OF MANUFACTURING THE SAME

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated May 4, 2001, please amend the above-identified application as follows:

**IN THE CLAIMS:**



**The claims are amended as follows:**

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1. (Amended) A steel wire comprising a wire diameter ranging from 0.10mm to 0.40mm obtained by subjecting a high-carbon steel wire material having a carbon content ranging from 0.70% to 0.90% in weight to heat treatment and wire drawing, said steel wire preformed to have a minimum radius of curvature of 10 to 60 times its diameter, a tensile strength TS (N/mm<sup>2</sup>) of the steel wire satisfies following formula,

$$TS \geq 2250 - 1450 \log D$$

wherein D is the diameter of the steel wire in mm and log means common logarithm,

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C1  
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